



MATH, SCIENCE & SOCIAL SCIENCE DIVISION

Meeting Minutes

Nanotechnology Technical Advisory Committee

Thursday, October 29th, 2009, 3:30 p.m.

Business, Electronics, and Information Technology Conference Room

MEMBERS PRESENT

Ethan Allen, University of Washington
Mark Helsel, Microvision
Rad Roberts, University of Washington
Jeanne Small, University of Washington
Shaun Taylor, University of Washington

Dan Graham, Asemblon Inc
Len McNally, Honeywell Redmond
Michael Hjelmstad, Washington Technology Center
Kathleen Stamm, KMS Designs, LLC
Chad Goodwin, EnerGZ/MLSC

NSCC MEMBERS PRESENT

Alissa Agnello Bob Kaercher
Peter Lortz Mary Ellen O'Keeffe

Chris Sanders

GUESTS PRESENT

Sarah McQuaide, University of Washington

I. INTRODUCTIONS (McNally)

The meeting was called to order at 3:30 p.m. Each person introduced themselves and company/college/university they represented.

II. APPROVAL OF MINUTES (McNally)

Minutes of fall quarter meeting held on October 21, 2008, were approved as corrected.

III. GENERAL UPDATES FROM NSCC (Agnello)

- NSCC website
A new website has been set up and a link has been emailed to all the TAC members. This website will hold TAC agendas, minutes, and other documents for review before and after TAC meetings.

III. GENERAL UPDATES FROM NSCC (Agnello) - Continued

Alissa also talked about her role as a liaison between the NSCC web designer and the TAC. She will come back to TAC members with requests for content for the new NSCC Nano website.

- Current enrollments
There are 12 students in the new cohort starting in the Fall. 10 students are in the cohort that will graduate in the Spring. The increase in numbers are reflective of more recruiting and marketing.
- Nanotechnology AAS-T and Certificate
NSCC's curricular committee (CAS) approved the revisions to the AAS-T Degree and the Certificate.
- NanoTechnician Core Competencies project
Alissa will resend the document to the TAC members for review and suggested revisions as part of an effort by Edmonds Community College to catalog the skills and competencies necessary for graduating Nanotechnology students.

IV. TAC MEMBER GUIDE (McNally)

An NSCC TAC member guide was made available for all the TAC members. This guide will assist TAC members in understanding their roles on the Nanotechnology TAC.

V. NSF-ATE PROJECT - SHINE (Agnello)

- Outreach Coordinator status
Maureen Devery has been working as a temporary Outreach Coordinator while the committee works to hire a permanent Outreach Coordinator.
- Activities that require industry involvement
Alissa passed out a handout about SHINE and described the new positions that will be funded by the grant. Additionally, she asked for assistance from TAC members in the following areas:
 - i. Informal mentorships
 - ii. Leadership lunches
 - iii. Summer workshop panel
 - iv. Summer workshop- create demos
 - v. InternshipsTAC members who are interested should follow up with Alissa. Len expressed interest in the informal mentorship, and Jeanne Small expressed interest in helping with the Leadership Lunches
- Report out from NSF-ATE PI meeting in DC (Lortz)
Peter, Alissa, and Mary Ellen reported out on the NSF-ATE PI conference. It proved to be a valuable conference for networking and making connections with Materials Science and Nanotech programs around the country. It was also an opportunity to speak directly with Penn State and Dakota Community College Nanotech Centers.

VI. MINOR IN NANOTECHNOLOGY AT THE UW (Allen)

Ethan Allen passed out a handout describing the new Nanotech minor at the UW. The creation of this minor came about as a partnership between the UW, NSCC, and EdCC. There was discussion about the positive impacts this Minor will have on the NSCC Nanotech program, and the recognition about the interdisciplinary nature of the minor.

VII. QUESTIONS FOR THE TAC (Lortz)

- Are we hitting all the Nanotech areas in:
 - o Curriculum?

Sarah McQuaide discussed the successful use of the clean room by the NSCC Nano class in the Winter of 2009, and how the Winter 2010 class would be able to use that as well. It was described as a wonderful opportunity for students to work in a top-notch lab area. There was also discussion about how new techniques could lead to the development of more classes for NSCC students.

VII. ADJOURNMENT (McNally)

Meeting was adjourned at 5:05